

***** Welcome to STN International *****

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America
NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 FEB 25 CA/CAPLUS - Russian Agency for Patents and Trademarks
 (ROSPATENT) added to list of core patent offices covered
NEWS 4 FEB 28 PATDPAFULL - New display fields provide for legal status
 data from INPADOC
NEWS 5 FEB 28 BABS - Current-awareness alerts (SDIs) available
NEWS 6 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS 7 MAR 02 GBFULL: New full-text patent database on STN
NEWS 8 MAR 03 REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS 9 MAR 03 MEDLINE file segment of TOXCENTER reloaded
NEWS 10 MAR 22 KOREAPAT now updated monthly; patent information enhanced
NEWS 11 MAR 22 Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS 12 MAR 22 PATDPASPC - New patent database available
NEWS 13 MAR 22 REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS 14 APR 04 EPFULL enhanced with additional patent information and new
 fields
NEWS 15 APR 04 EMBASE - Database reloaded and enhanced
NEWS 16 APR 18 New CAS Information Use Policies available online
NEWS 17 APR 25 Patent searching, including current-awareness alerts (SDIs),
 based on application date in CA/CAPLUS and USPATFULL/USPAT2
 may be affected by a change in filing date for U.S.
 applications.
NEWS 18 APR 28 Improved searching of U.S. Patent Classifications for
 U.S. patent records in CA/CAPLUS

NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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***** STN Columbus *****

FILE 'HOME' ENTERED AT 11:17:00 ON 16 MAY 2005

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 11:17:05 ON 16 MAY 2005

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "[HELP USAGETERMS](#)" FOR DETAILS.

COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4
 DICTIONARY FILE UPDATES: 15 MAY 2005 HIGHEST RN 850445-20-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=> file casreact

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.43	0.64

FILE 'CASREACT' ENTERED AT 11:17:15 ON 16 MAY 2005
 USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
 COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications.

FILE CONTENT:1840 - 15 May 2005 VOL 142 ISS 20

New CAS Information Use Policies, enter HELP USAGETERMS for details.

```
*****
*
* CASREACT now has more than 9.2 million reactions *
*
*****
```

Some CASREACT records are derived from the ZIC/VINITI database (1974-1991) provided by InfoChem, INPI data prior to 1986, and Biotransformations database compiled under the direction of Professor Dr. Klaus Kieslich.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=>

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR

=> s 11

SAMPLE SEARCH INITIATED 11:24:23 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 106.10 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:24:28 FILE 'CASREACT'

SCREENING COMPLETE - 4 REACTIONS TO VERIFY FROM 3 DOCUMENTS

100.0% DONE 4 VERIFIED 1 HIT RXNS 1 DOCS

SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1 (1 REACTIONS)

=> d 13, crxn, abs, ibib

'CRXN' IS NOT A VALID FORMAT FOR FILE 'CASREACT'

The following are valid formats:

ABS ----- GI and AB

ALL ----- BIB, AB, IND, RE, Single-step Reactions

APPS ----- AI, PRAI

BIB ----- AN, plus Bibliographic Data

CAN ----- List of CA abstract numbers without answer numbers

CBIB ----- AN, plus Compressed Bibliographic Data

DALL ----- ALL, delimited (end of each field identified)

IABS ----- ABS, indented with text labels

IALL ----- ALL, indented with text labels

IBIB ----- BIB, indented with text labels

IND ----- Indexing data

IPC ----- International Patent Classifications

ISTD ----- STD, indented with text labels

OBIB ----- AN, plus Bibliographic Data (original)

OIBIB ----- OIBIB, indented with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

MAX ----- Same as ALL

PATS ----- PI, SO

SCAN ----- TI and FCRD (random display, no answer number. SCAN

must be entered on the same line as DISPLAY, e.g.,
D SCAN.)

SSRX ----- Single-Step Reactions (Map, Diagram, and Summary for
all single-step reactions)

STD ----- BIB, IPC, and NCL

CRD ----- Compact Display of All Hit Reactions

CRDREF ----- Compact Reaction Display and SO, PY for Reference

FHIT ----- Reaction Map, Diagram, and Summary for first
hit reaction

FHITCBIB --- FHIT, AN plus CBIB

FCRD ----- First hit in Compact Reaction Display (CRD) format

FCRDREF ----- First hit in Compact Reaction Display (CRD) format with
CA reference information (SO, PY). (Default)

FPATH ----- PATH, plus Reaction Summary for the "long path"

FSPATH ----- SPATH, plus Reaction Summary for the "short path"

HIT ----- Reaction Map, Reaction Diagram, and Reaction
Summary for all hit reactions and fields containing
hit terms

OCC ----- All hit fields and the number of occurrences of the
hit terms in each field. Includes total number of
HIT, PATH, SPATH reactions. Labels reactions that have
incomplete verifications.

PATH ----- Reaction Map and Reaction Diagram for the "long
path". Displays all hit reactions, except those
whose steps are totally included within another hit
reaction which is displayed

RX ----- Hit Reactions (Map, Diagram, Summary for all hit reactions)

RXG ----- Hit Reaction Graphics (Map and Diagram for all hit reactions)

RXL ----- Hit Reaction Long (Map, Diagram, Summary for all hit reactions)

RXS ----- Hit Reaction Summaries (Map and Summary for all hit reactions)

SPATH ----- Reaction Map and Reaction Diagram for the "short
path". Displays all single step reactions which
contain a hit substance. Also displays those
multistep reactions that have a hit substance in both
the first and last steps of the reaction, except for
those hit reactions whose steps are totally included
within another hit reaction which is displayed

To display a particular field or fields, enter the display field
codes. For a list of the display field codes, enter HELP DFIELD
at an arrow prompt (=>). Examples of combinations include: D TI;
D BIB RX; D TI, AU, FCRD. The information is displayed in the same order
as the specification. All of the formats, except CRD, CRDREF, FHIT, PATH,
FPATH, SPATH, FSPATH, FCRD, FCRDREF, HIT, RX, RXG, RXS, SCAN, and OCC, may
be used with the DISPLAY command to display the record for a specified
Accession Number.

ENTER DISPLAY FORMAT (FCRDREF):end

=> d his

(FILE 'HOME' ENTERED AT 11:17:00 ON 16 MAY 2005)

FILE 'REGISTRY' ENTERED AT 11:17:05 ON 16 MAY 2005

FILE 'CASREACT' ENTERED AT 11:17:15 ON 16 MAY 2005

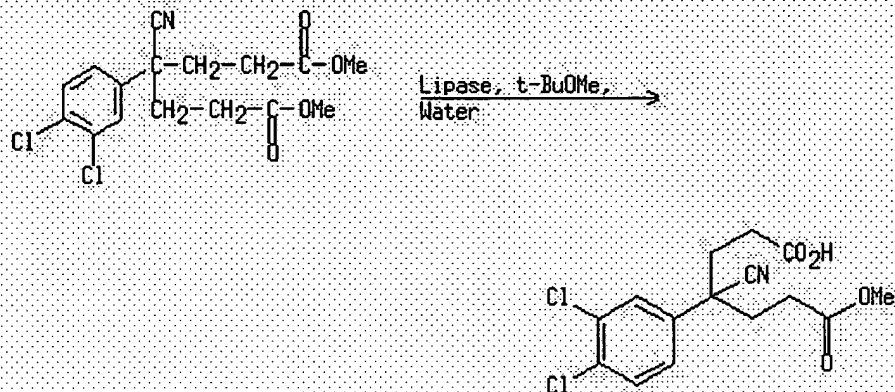
L1 STRUCTURE UPLOADED
L2 0 S L1
L3 1 S L1 FULL

=> d 1.3, crd, ibib abs, 1

L3 ANSWER 1 OF 1 CASREACT COPYRIGHT 2005 ACS on STN

Full Text	Citing References
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RX(4) OF 6



NOTE: biotransformation, enzymic hydrolysis, lipase from *Candida cylindracea*, stereoselective

ACCESSION NUMBER: 133:73938 CASREACT
 TITLE: Preparation of 3-(3,4-dihalophenyl)-2,6-dioxopiperidine-3-propionic acid alkyl esters as intermediates
 INVENTOR(S): Castro, Bertrand; Dormoy, Jean-Robert; Rabion, Alain
 PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.
 SOURCE: PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037445	A1	20000629	WO 1999-FR2970	19991201
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2787448	A1	20000623	FR 1998-16087	19981218
FR 2787448	B3	20010112		
CA 2350683	AA	20000629	CA 1999-2350683	19991201
EP 1140842	A1	20011010	EP 1999-973487	19991201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
JP 2002533327	T2	20021008	JP 2000-589517	19991201
US 6469173	B1	20021022	US 2001-857882	20010612
US 2003032810	A1	20030213	US 2002-175126	20020619
US 6686182	B2	20040203		
US 2004110796	A1	20040610	US 2003-727475	20031204
PRIORITY APPLN. INFO.:			FR 1998-16087	19981218

<u>WO 1999-FR2970</u>	19991201
<u>US 2001-857882</u>	20010612
<u>US 2002-175126</u>	20020619

OTHER SOURCE(S): MARPAT 133:73938

AB Title compds. and optically pure isomers were obtained either by enantioselective enzymic hydrolysis of the racemic ester or by cyclisation of optically pure HO₂CCH₂CH₂CR(CN)CH₂CH₂CO₂R₁ (R = 3,4-dihalophenyl, R₁ = alkyl).

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>

L4 STRUCTURE UPLOADED

=> d l4, crd, ibib abs, i

L4 HAS NO ANSWERS

'CRD IBIB ABS ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains data. (Default)

SIM ----- Structure Image.

SAT ----- Structure ATtributes and map table if it contains data.

SCT ----- Structure Connection Table and map table if it contains data.

SDA ----- All Structure Data (image, attributes, connection table and map table if it contains data).

NOS ----- NO Structure data.

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:and

=> d his

(FILE 'HOME' ENTERED AT 11:17:00 ON 16 MAY 2005)

FILE 'REGISTRY' ENTERED AT 11:17:05 ON 16 MAY 2005

FILE 'CASREACT' ENTERED AT 11:17:15 ON 16 MAY 2005

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 1 S L1 FULL

L4 STRUCTURE UPLOADED

=> d l4, ibib abs crd, i

L4 HAS NO ANSWERS

'IBIB ABS CRD ' IS NOT A VALID STRUCTURE FORMAT KEYWORD

Structure Formats

SIA ----- Structure Image, Attributes, and map table if it contains data. (Default)

SIM ----- Structure Image.

SAT ----- Structure ATtributes and map table if it contains data.

SCT ----- Structure Connection Table and map table if it contains data.

SDA ----- All Structure Data (image, attributes, connection table and map table if it contains data).

NOS ----- NO Structure data.

ENTER STRUCTURE FORMAT (SIA), SCT, SDA, SIM, SAT, NOS:and

=> s l4

SAMPLE SEARCH INITIATED 11:36:53 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**
 PROJECTED VERIFICATIONS: 0 TO 0
 PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4 (0 REACTIONS)

=> s 1.5 full

THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 106.10 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:36:58 FILE 'CASREACT'

SCREENING COMPLETE - 3 REACTIONS TO VERIFY FROM 1 DOCUMENTS

100.0% DONE 3 VERIFIED 3 HIT RXNS 1 DOCS
 SEARCH TIME: 00.00.02

L6 1 SEA SSS FUL L4 (3 REACTIONS)

=> d 1.6, ibib abs crd, 1

L6 ANSWER 1 OF 1 CASREACT COPYRIGHT 2005 ACS on STN

Full Text	Cited References
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ACCESSION NUMBER: 133:73938 CASREACT

TITLE: Preparation of 3-(3,4-dihalophenyl)-2,6-dioxopiperidine-3-propionic acid alkyl esters as intermediates

INVENTOR(S): Castro, Bertrand; Dormoy, Jean-Robert; Rabion, Alain

PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037445	A1	20000629	WO 1999-FR2970	19991201
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
FR 2787448	A1	20000623	FR 1998-16087	19981218
FR 2787448	B3	20010112		
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EP 1140842	A1	20011010	EP 1999-973487	19991201
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
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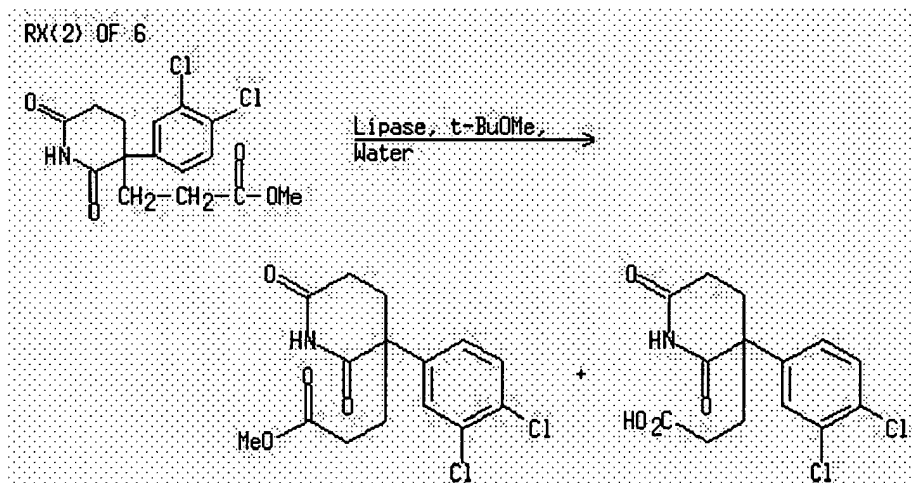
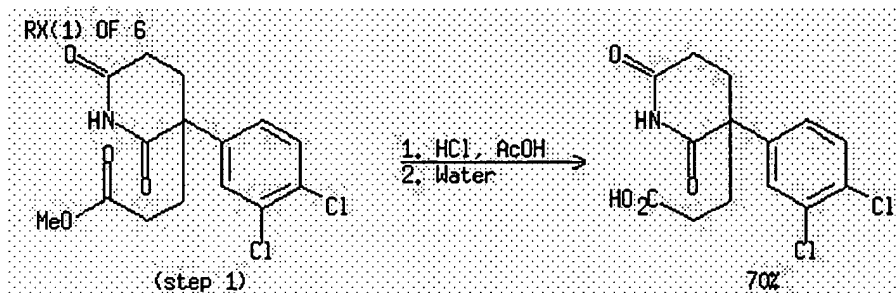
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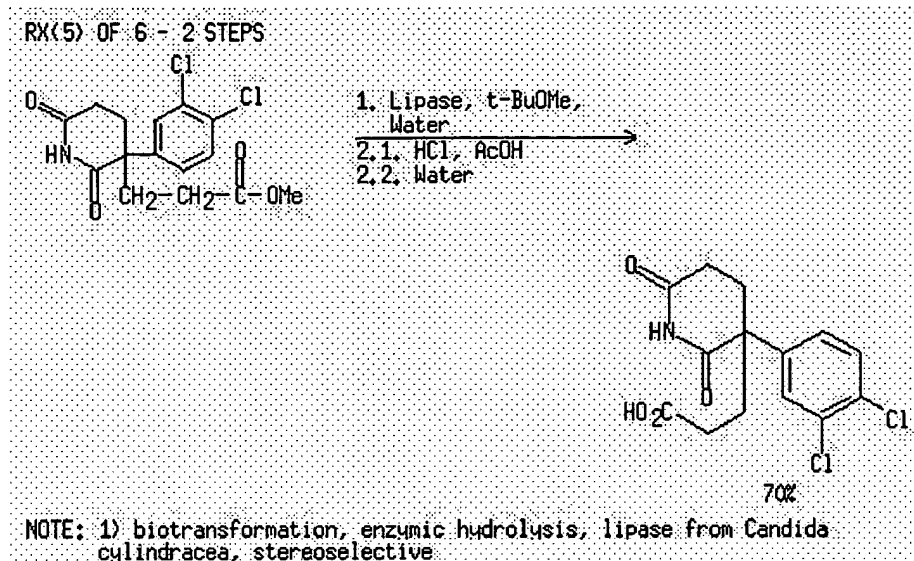
PRIORITY APPLN. INFO.:

OTHER SOURCE(S): MARPAT 133:73938

AB Title compds. and optically pure isomers were obtained either by enantioselective enzymic hydrolysis of the racemic ester or by cyclisation of optically pure $\text{HO}_2\text{CCH}_2\text{CH}_2\text{CR}(\text{CN})\text{CH}_2\text{CH}_2\text{CO}_2\text{R}_1$ ($\text{R} = 3,4\text{-dihalophenyl}$, $\text{R}_1 = \text{alkyl}$).



NOTE: biotransformation, enzymic hydrolysis, lipase from *Candida cylindracea*, stereoselective



REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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L7 STRUCTURE UPLOADED

=> d 17

L7 HAS NO ANSWERS

L7 STR

=> s 17

SAMPLE SEARCH INITIATED 11:42:48 FILE 'CASREACT'

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100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7 (0 REACTIONS)

=> s 17 full

THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 106.10 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:42:53 FILE 'CASREACT'

SCREENING COMPLETE - 2 REACTIONS TO VERIFY FROM 2 DOCUMENTS

100.0% DONE 2 VERIFIED 0 HIT RXNS 0 DOCS
SEARCH TIME: 00.00.01

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L10 HAS NO ANSWERS

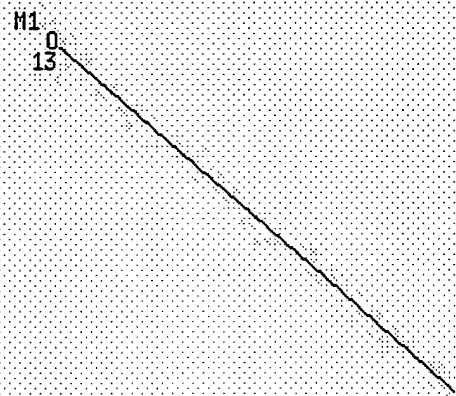
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PRO

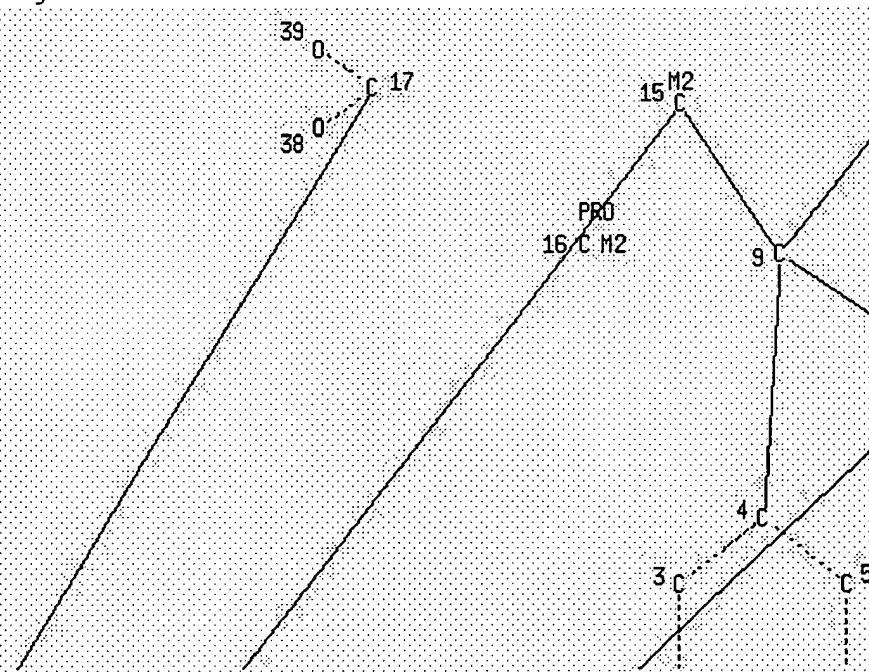
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Page 1-A

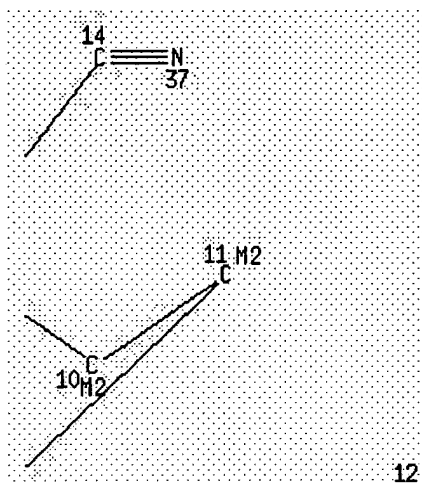
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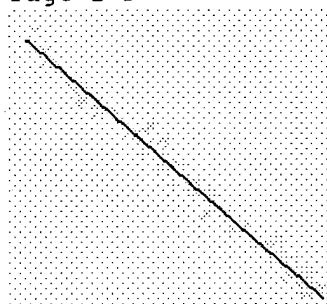
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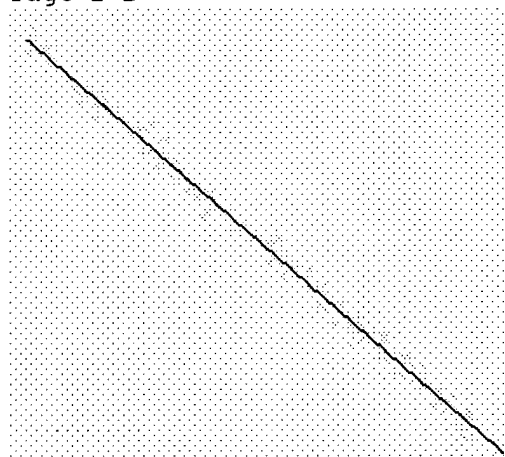
Page 1-E



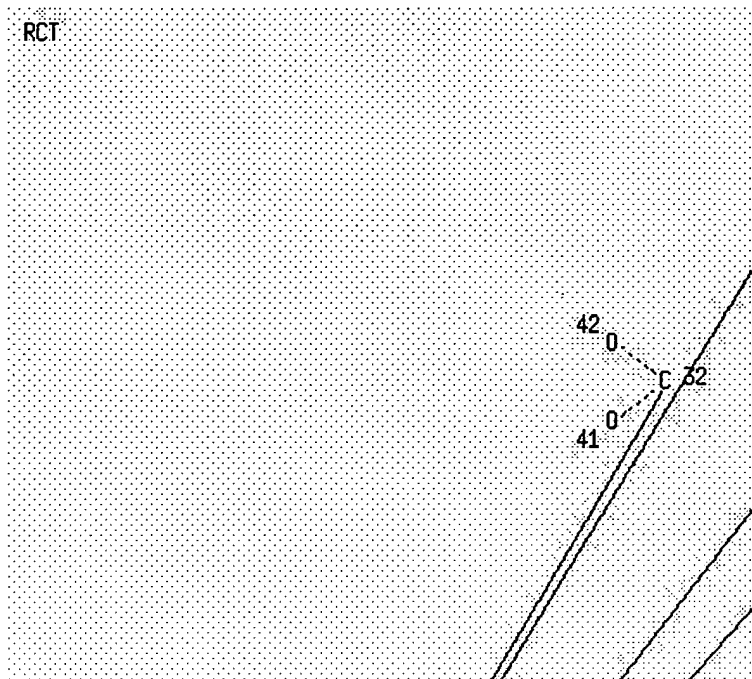
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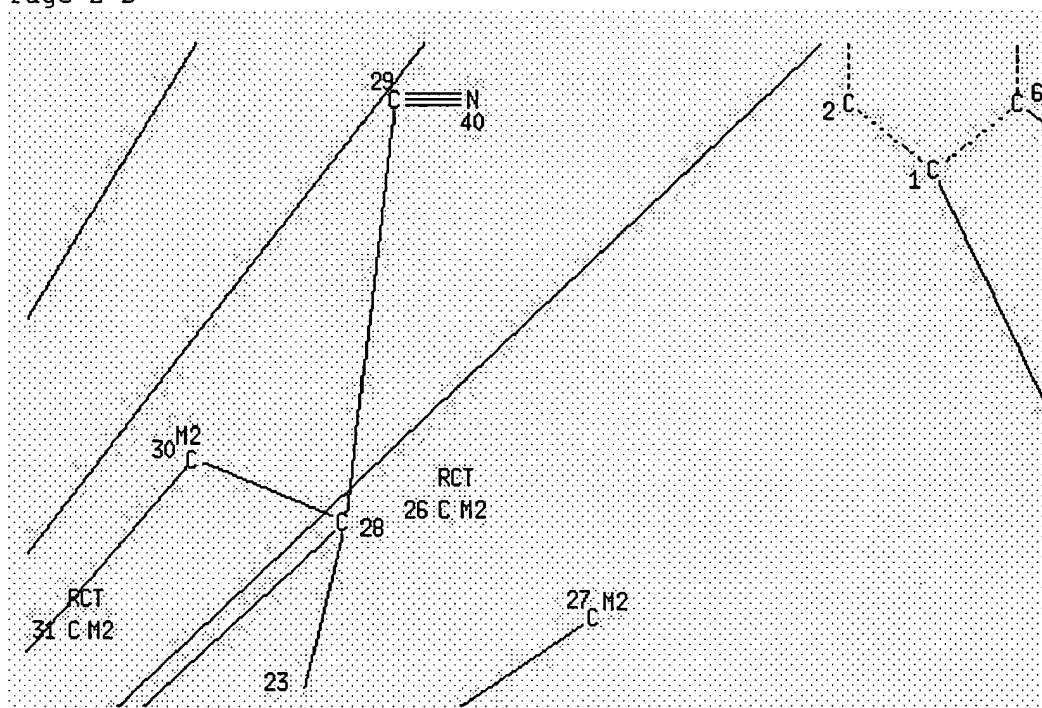
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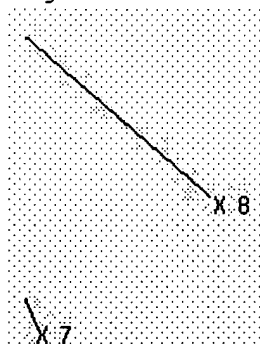
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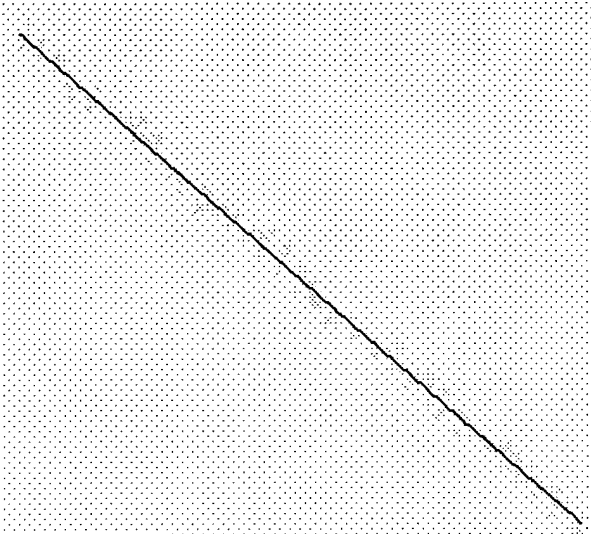
Page 2-D



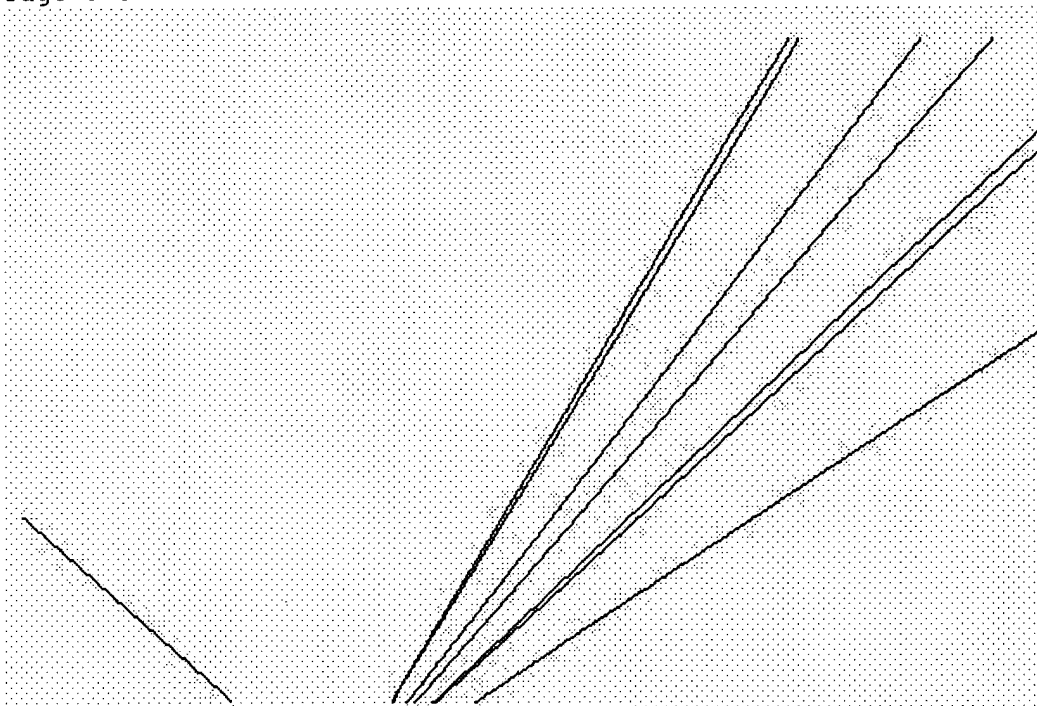
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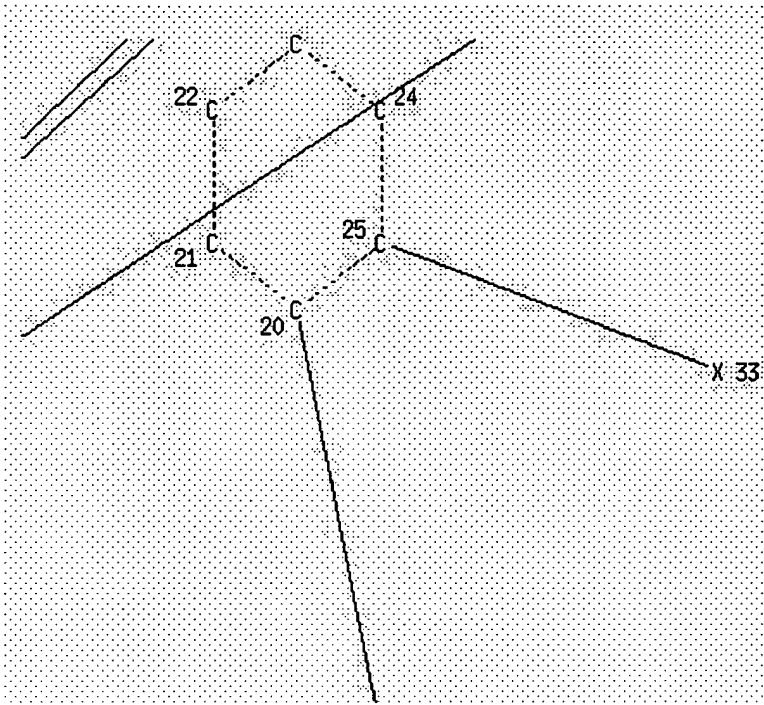
Page 2-F



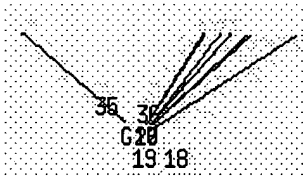
Page 3-C



Page 3-D



Page 3-E



Page 4-D



Page 4-E

REP G17=(0-2) 26-27 26-28
 REP G18=(0-2) 31-30 31-32
 REP G19=(0-2) 12-11 12-13
 REP G20=(0-2) 16-15 16-17

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HCOUNT	IS M2	AT	27
HCOUNT	IS M2	AT	30
HCOUNT	IS M2	AT	31
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NSPEC	IS C	AT	9
NSPEC	IS C	AT	10

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DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 42

STEREO ATTRIBUTES: NONE

=> s 110

SAMPLE SEARCH INITIATED 11:50:16 FILE 'CASREACT'

SCREENING COMPLETE - 0 REACTIONS TO VERIFY FROM 0 DOCUMENTS

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SEARCH TIME: 00.00.01

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FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
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PROJECTED VERIFICATIONS:      0 TO      0
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L11 0 SEA SSS SAM L10 (0 REACTIONS)

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THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 106.10 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

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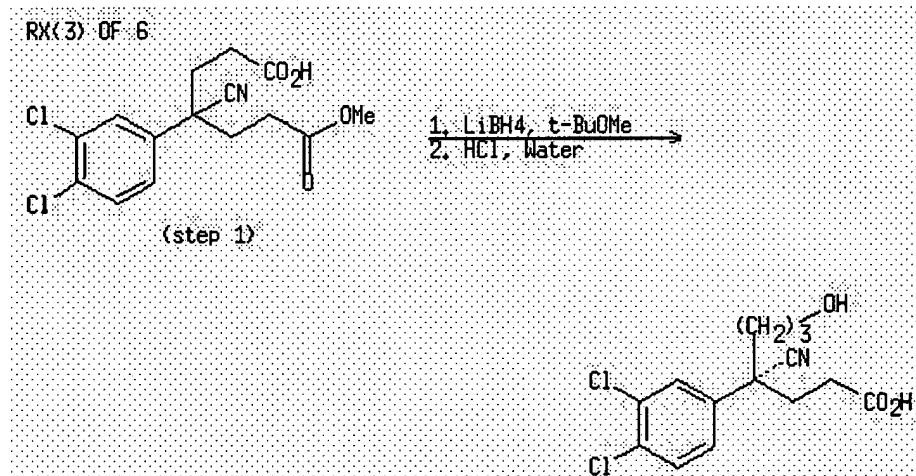
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L12 ANSWER 1 OF 1 CASREACT COPYRIGHT 2005 ACS on STN

Full Text	Chem References
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ACCESSION NUMBER: 133:73938 CASREACT
 TITLE: Preparation of 3-(3,4-dihalophenyl)-2,6-dioxopiperidine-3-propionic acid alkyl esters as intermediates
 INVENTOR(S): Castro, Bertrand; Dormoy, Jean-Robert; Rabion, Alain
 PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.
 SOURCE: PCT Int. Appl., 34 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: French
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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FR 2787448	B3	20010112		

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R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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US 6469173	B1	20021022	US 2001-857882	20010612
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US 6686182	B2	20040203		
US 2004110796	A1	20040610	US 2003-727475	20031204

PRIORITY APPLN. INFO.:

FR 1998-16087 19981218
WO 1999-FR2970 19991201
US 2001-857882 20010612
US 2002-175126 20020619

OTHER SOURCE(S): MARPAT 133:73938

AB Title compds. and optically pure isomers were obtained either by enantioselective enzymic hydrolysis of the racemic ester or by cyclisation of optically pure HO₂CCH₂CH₂CR(CN)CH₂CH₂CO₂R₁ (R = 3,4-dihalophenyl, R₁ = alkyl).

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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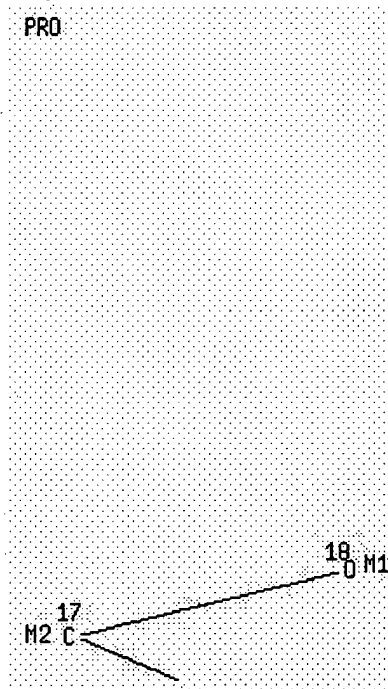
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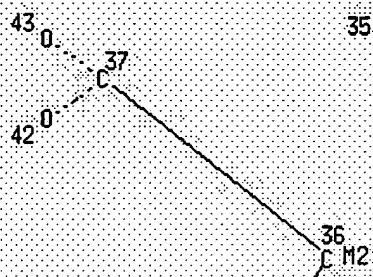
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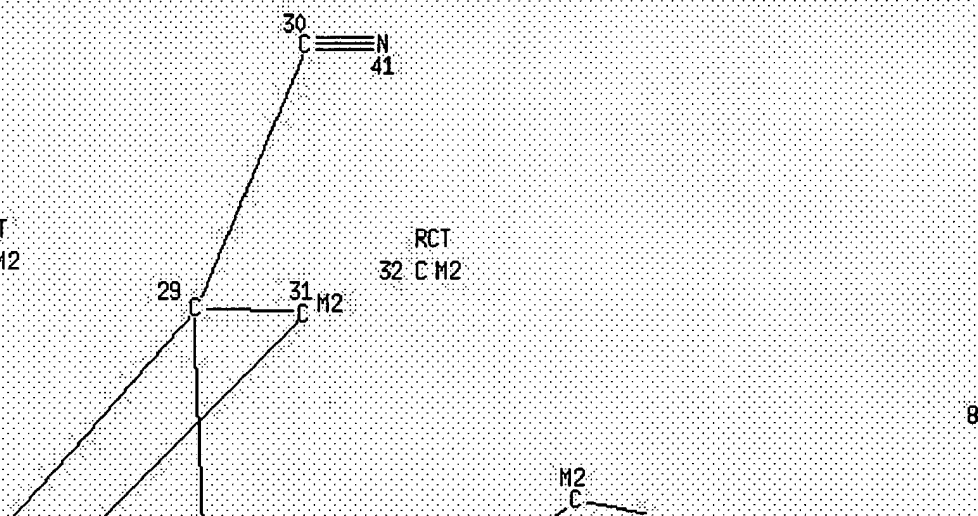


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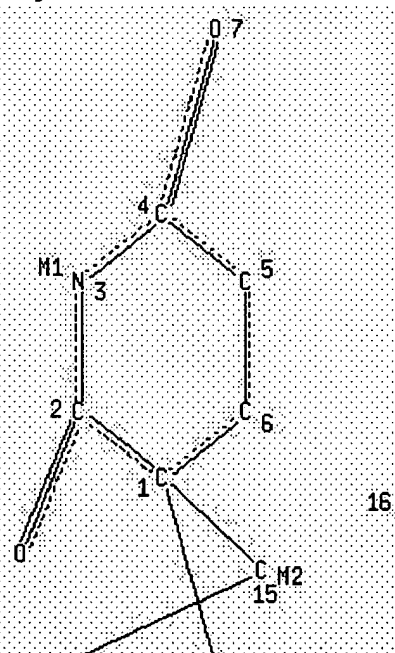
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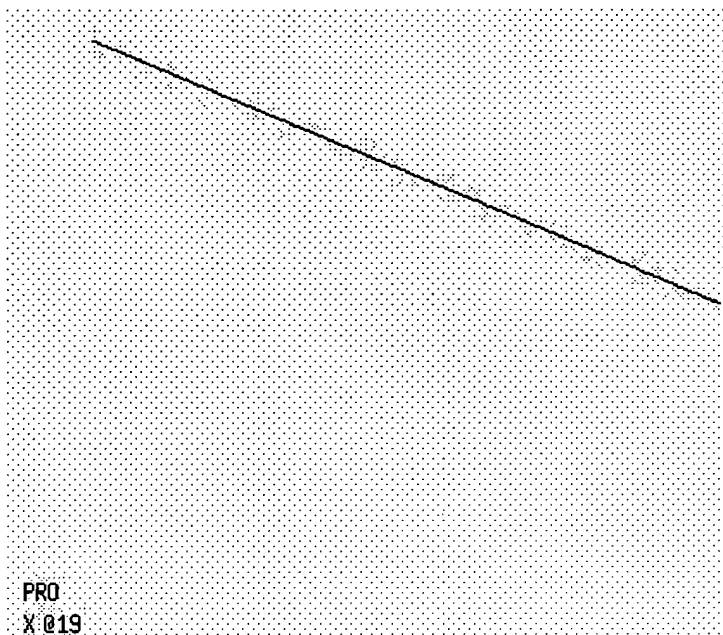
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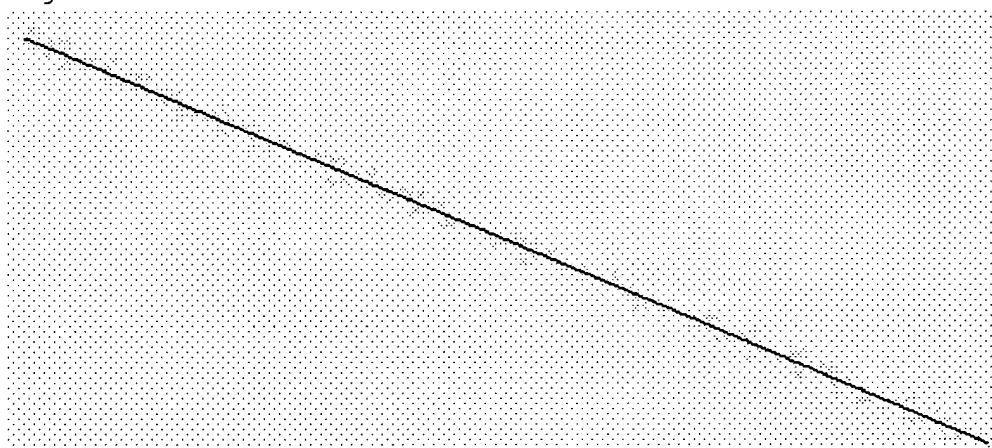
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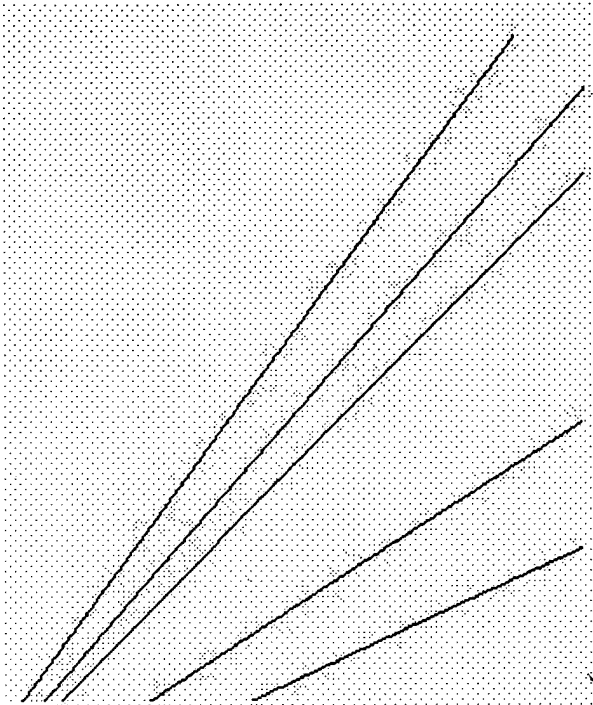
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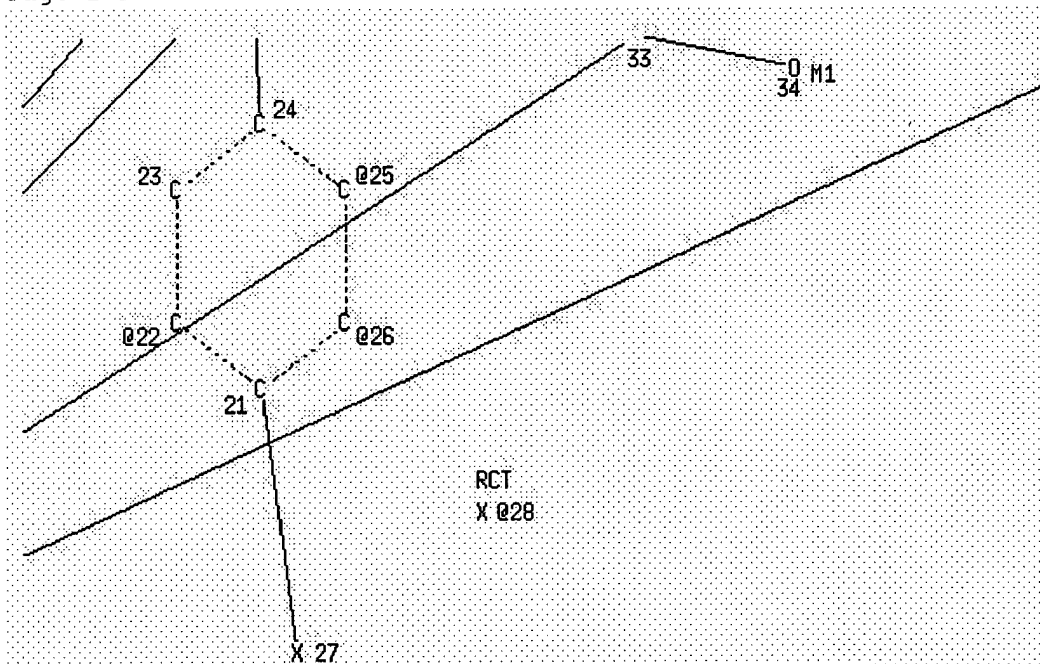
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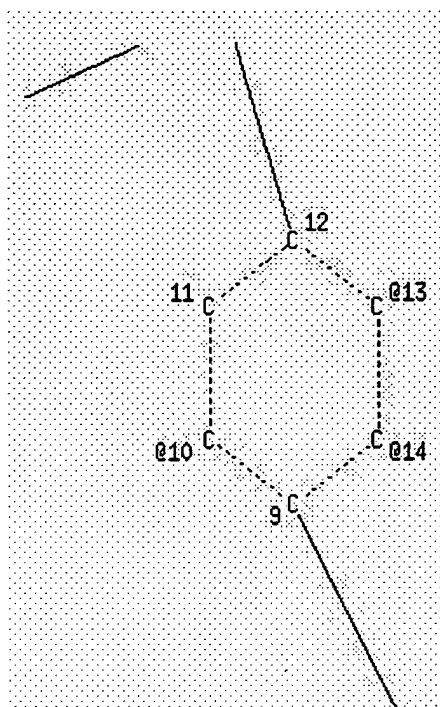
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Page 2-E

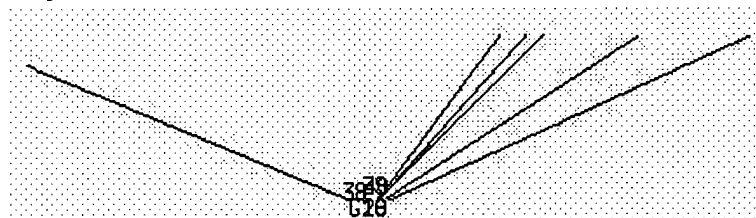


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Page 3-A

Page 3-C



Page 3-D

Page 3-F

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REP G20=(0-2) 35-29 35-36

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VPA 28-22/25/26 S

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GRAPH ATTRIBUTES:
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NUMBER OF NODES IS  43

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STEREO ATTRIBUTES: NONE

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(FILE 'HOME' ENTERED AT 11:17:00 ON 16 MAY 2005)

FILE 'REGISTRY' ENTERED AT 11:17:05 ON 16 MAY 2005

FILE 'CASREACT' ENTERED AT 11:17:15 ON 16 MAY 2005

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L3          1 S L1 FULL
L4          STRUCTURE UPLOADED
L5          0 S L4
L6          1 S L5 FULL
L7          STRUCTURE UPLOADED
L8          0 S L7
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L10         STRUCTURE UPLOADED
L11         0 S L10
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L13         STRUCTURE UPLOADED

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=> s l13

SAMPLE SEARCH INITIATED 11:58:30 FILE 'CASREACT'

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100.0% DONE 0 VERIFIED 0 HIT RXNS 0 DOCS
 SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
 BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 0 TO 0
 PROJECTED ANSWERS: 0 TO 0

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THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 106.10 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 11:58:35 FILE 'CASREACT'

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100.0% DONE 1 VERIFIED 0 HIT RXNS 0 DOCS
 SEARCH TIME: 00.00.01

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=> file hcaplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	576.64	577.28

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CA SUBSCRIBER PRICE	-2.04	-2.04

FILE 'HCAPLUS' ENTERED AT 11:58:54 ON 16 MAY 2005

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FILE COVERS 1907 - 16 May 2005 VOL 142 ISS 21
 FILE LAST UPDATED: 15 May 2005 (20050515/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate
 substance identification.

=> s castro, b?/au and dormoy, j?/au and rabion, a?/au

356 CASTRO, B?/AU

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28 RABION, A?/AU

L16 1 CASTRO, B?/AU AND DORMOY, J?/AU AND RABION, A?/AU

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L16 ANSWER 1 OF 1 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text	Citing References
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ACCESSION NUMBER: 2000:441776 HCAPLUS

DOCUMENT NUMBER: 133:73938

TITLE: Preparation of 3-(3,4-dihalophenyl)-2,6-dioxopiperidine-3-propionic acid alkyl esters as intermediates

INVENTOR(S): **Castro, Bertrand; Dormoy, Jean-Robert; Rabion, Alain**

PATENT ASSIGNEE(S): Sanofi-Synthelabo, Fr.

SOURCE: PCT Int. Appl., 34 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: French

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000037445	A1	20000629	WO 1999-FR2970	19991201
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RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
FR 2787448	A1	20000623	FR 1998-16087	19981218
FR 2787448	B3	20010112		
CA 2350683	AA	20000629	CA 1999-2350683	19991201
EP 1140842	A1	20011010	EP 1999-973487	19991201
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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US 6469173	B1	20021022	US 2001-857882	20010612

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<u>US 2004110796</u>	A1	20040610	<u>US 2003-727475</u>	20031204
<u>PRIORITY APPLN. INFO.:</u>			<u>FR 1998-16087</u>	A 19981218
			<u>WO 1999-FR2970</u>	W 19991201
			<u>US 2001-857882</u>	A3 20010612
			<u>US 2002-175126</u>	A3 20020619

OTHER SOURCE(S): CASREACT 133:73938; MARPAT 133:73938

AB Title compds. and optically pure isomers were obtained either by enantioselective enzymic hydrolysis of the racemic ester or by cyclisation of optically pure HO₂CCH₂CH₂CR(CN)CH₂CH₂CO₂R₁ (R = 3,4-dihalophenyl, R₁ = alkyl).

REFERENCE COUNT: 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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CA SUBSCRIBER PRICE	-0.73	-2.77

STN INTERNATIONAL LOGOFF AT 12:00:17 ON 16 MAY 2005